

LAB Group Work Paper Airplanes**Question** Does material affect how far a paper airplane will fly?**Procedure**

1. With your group, make a paper airplane out of each type of paper. Be sure to make each one the same way.
2. Predict which airplane will fly the farthest. Predict which one will fly the shortest distance.

Materials

- construction paper
- notebook paper
- tracing paper
- meter stick or measuring tape

3. Choose one person from your group to throw the airplanes. Standing in the same place, the thrower should throw each of the airplanes. Use the same amount of force for each throw.
4. Measure how far each airplane flew. Record your data in the table.

Material	How far did it fly?
Construction paper	
Notebook paper	
Tracing paper	

Analysis

1. Compare your prediction with the data from the table. Were your predictions correct or incorrect?

2. Which material flew the longest distance? Which flew the shortest distance?

3. Draw a conclusion. Does material affect how far a paper airplane can fly?
